



CITY OF EAST CHICAGO

Anthony Copeland, Mayor

East Chicago Sanitary District
Dr. Abderrahman Zehraoui, Director

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July 28, 2020

Natalie Maupin
Indiana Department of Environmental Management
Office of Water Quality-Mail Code 65-42
Compliance Evaluation Section-Pretreatment Group
100 North Senate
Indianapolis, IN 46204-2251

**RE: East Chicago Sanitary District
Quarterly Compliance Pretreatment Report
2nd Quarter Report of 2020**

To Natalie Maupin:

In accordance with Part III A (1) of the NPDES Permit No. 0022829, the East Chicago Sanitary District Pretreatment Staff has prepared and enclosed the Quarterly Report for the 2nd Quarter of 2020. Should you have any questions, please contact me at (219) 391-8466.

Sincerely,

A handwritten signature in cursive script, appearing to read "Kenneth L. Myers", is written over a horizontal line.

Kenneth L. Myers

CC: Newton Ellens, USEPA
Abderrahman Zehraoui, Ph.D., Director of Utilities, ECSD
Nickie Geros, Pretreatment Coordinator, ECSD

Encls.

EAST CHICAGO SANITARY DISTRICT
EAST CHICAGO, INDIANA
2nd QUARTER
INDUSTRIAL COMPLIANCE STATUS REPORT
2020

July 28, 2020

The District has a total of 22 permitted Industrial Users (IUs), eight which are categorized as Significant Industrial Users (SIUs). The eight SIU permittees consist of five Categorical Industrial Users (CIUs) [Outfall #312 ó Electric Coatings, Outfall #415 - TAC East Inc., Outfall #514 ó National Processing Corporation, Outfall #521 - Lakeshore Railcar Services, and Outfall #901 ó Safety Kleen] and three other IUs [Outfall #401 ó W. R. Grace, Outfall #936 ó US Steel Corporation, and Outfall #951 US Gypsum]. Two of the permitted IUs have suspended their operations. The discharge permit for Outfall #415 ó TAC East, Inc. has been suspended due to a fire at the facility in August 2019 and operations have been suspended ever since. Outfall #936 ó US Steel has also ceased operations is currently not discharging any wastewater under their permit from their facility.

Except for the permitted IUs involving groundwater remediation projects (Outfalls 112, 124 and 411), each of the permitted IUs are sampled on monthly basis, as a minimum. This compliance report covers the period from April 1, 2020 to June 30, 2020.

The permitted industrial users (IUs) were sampled by the District during this quarter on the dates listed below.

Outfall	Company	2nd Quarter Sample Dates
112	GATX	No sampling, no discharges
124	Buckeye Pipeline	No sampling, no discharges
312	Electric Coatings	4/8, 5/20, 5/21 and 6/23
401	WR Grace	4/20, 5/4 and 6/1
411	USS Lead Site	Self-monitoring on 4/23
415	TAC East	No Sampling. Discharge permit has been suspended as there was a fire at the facility on 8/24/19 and operations have temporarily ceased.
511	Green Lake Tube	4/6, 5/13 and 6/24
514	National Processing	4/6, 5/13 and 6/24
518	ICO Polymers	4/2, 5/5 and 6/22
521	Lakeshore Railcar	4/14, 4/29, 5/12, 5/28, and 6/30
531	Praxair, Inc. Production	4/15, 5/7 and 6/8
541	Praxair, Inc. Rare Gases	4/15, 5/7 and 6/8
611	Arcelor Mittal-Research	4/22, 5/26 and 6/22
804	Arcelor Mittal East	4/21 and 6/3
805	Arcelor Mittal East	4/21, 5/18 and 6/3
901	Safety-Kleen	4/13, 4/28, 5/6, 5/21, 6/11 and 6/29
931	Arcelor Mittal West	4/16, 5/11 and 6/9
934	Arcelor Mittal West	4/16, 5/27 and 6/9
935	Arcelor Mittal West	4/22, 5/27 and 6/25
936	US Steel	No sampling, US Steel suspended operations at this facility
941	Praxair, Inc. HyCO	4/7, 5/19, 6/2 and 6/23
951	US Gypsum	4/28, 5/19 and 6/11

No compliance monitoring was completed at #112 GATX, #124 Buckeye Pipeline, #415 TAC East and #936 US Steel as there were no discharges from these facilities. GATX #112 consists of a groundwater remediation system for treating impacted petroleum groundwater. Buckeye Pipeline #124 which maintains a discharge permit for several dewatering wells associated with a groundwater remediation project was not sampled during this period as there were

no discharges. The #415 TAC East facility has ceased operations since a fire occurred at their facility on August 24, 2019 and operations have not resumed. US Steel #936 ceased operations at their facility, has no discharges and thus no sampling was completed.

During the 2nd quarter of 2020, two Industrial Users (CIUs) experienced a total of 20 violations with the following parameters and are summarized as follows:

East Chicago Sanitary District Compliance Status Report Report Date Range: 4/1/2020 - 6/30/2020				
Varnu	Variable	Violation	Limit Description	Limit
62161	521 FOG {mg/L}	1	Daily Maximum Limit	>36
62421	521 Total Copper (Cu) {mg/L}	3	Daily Maximum Limit	>0.5
62481	521 Total Chromium(Cr) {mg/L}	3	Daily Maximum Limit	>0.746
62511	521 Total Arsenic (As) {mg/L}	3	Daily Maximum Limit	>0.162
62611	521 Bis (2-ethylhexyl) phthalate {mg/L}	1	Daily Maximum Limit	>0.215
70191	901 Amen. Cyanide {mg/L}	6	Daily Maximum Limit	>0.019
70461	901 Total Mercury (Hg) {mg/L}	3	Daily Maximum Limit	>0.00029
Total		20		

Lakeshore Railcar & Tanker Services, Outfall #521, exceeded the categorical limits for bis (2-ethylhexyl) phthalate and chromium on April 14, arsenic, copper and chromium on April 29 and May 12, and arsenic copper and oil & grease on May 28. NOVs for each exceedance, including fines totaling \$11,000, were issued to Lakeshore Railcar & Tanker Services.

Safety-Kleen Systems, Outfall # 901, a CIU categorized as a CWT under 40 CFR 437.25 ó exceeded the available cyanide local limit on six occasions and mercury limit on three occasions. NOV letters for each occurrence were sent on April 27, May 13, June 1, and July 14. Each exceedance was assessed a fine of \$2,500, totaling \$22,500. Safety-Kleen continues to withhold any fines related to cyanide violations pending resolution of their appeal of the cyanide discharge permit limits.

No other violations were noted during the 2nd quarter of 2020 pretreatment monitoring by the District or IU self-monitoring reports.

A Quarterly Summary Report for each IU summarizing the analytical results of sampling completed April 1 through June 30, 2020 is included as an attachment to this letter. These summaries provide the dates and analytical results of the pretreatment monitoring for each facility. Analytical results that exceed the local or categorical limit are highlighted. Copies of the NOV letters issued to the violating IUs are also attached.

Monthly Pretreatment Monitoring Report Summaries

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

GATX

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Residual Chlorine	Biochemical Oxygen Demand	Chemical Oxygen Demand	TDS	TSS
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Sulfate
Sample #1 Date, Result	
Sample #2 Date, Result	
Sample #3 Date, Result	
Minimum	
Maximum	
Average	

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

GATA

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Ruckeye Terminals, LLC

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Residual Chlorine	Biochemical Oxygen Demand	Chemical Oxygen Demand	TDS	TSS
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Sulfate
Sample #1 Date, Result	
Sample #2 Date, Result	
Sample #3 Date, Result	
Minimum	
Maximum	
Average	

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Buckeye Terminals, LLC

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Electric Cooling Technologies

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/08/20	8.3	04/08/20	0.0015	05/20/20	0.0001	04/08/20	0.0173	04/08/20	0.0002
Sample #2 Date, Result	05/20/20	7.0	05/20/20	0.0053	05/21/20	0.0010	05/20/20	0.0443	05/20/20	0.0002
Sample #3 Date, Result	05/21/20	7.8	06/23/20	0.0068	06/23/20	0.0002	05/21/20	0.0050	05/21/20	0.0025
Minimum		7.0		0.0015		0.0001		0.0050		0.0002
Maximum		8.3		0.0068		0.0010		0.0443		0.0025
Average		7.7		0.0046		0.0004		0.0222		0.0010

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/08/20	0.0361	04/08/20	0.0071	04/08/20	0.0001	04/08/20	0.0071	04/08/20	0.0633
Sample #2 Date, Result	05/20/20	0.0308	05/20/20	0.0046	05/20/20	0.0001	05/20/20	0.0046	05/20/20	0.0415
Sample #3 Date, Result	05/21/20	0.0280	05/21/20	0.0050	05/21/20	0.0025	05/21/20	0.0050	05/21/20	0.1000
Minimum		0.0280		0.0046		0.0001		0.0046		0.0415
Maximum		0.0361		0.0071		0.0025		0.0071		0.1000
Average		0.0316		0.0055		0.0009		0.0055		0.0683

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/08/20	0.0500	04/08/20	0.0500	04/08/20	0.5000	04/08/20	0.0001	04/08/20	0.6400
Sample #2 Date, Result	05/20/20	0.0500	05/20/20	0.0500	05/20/20	0.1000	05/20/20	0.0001	05/20/20	0.3600
Sample #3 Date, Result	05/21/20	0.0077	05/21/20	0.0077	05/21/20	0.1600	05/21/20	0.0002	05/21/20	0.7200
Minimum		0.0077		0.0046		0.1000		0.0001		0.3600
Maximum		0.0500		0.0071		0.5000		0.0002		0.7200
Average		0.0359		0.0055		0.2533		0.0001		0.5733

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/08/20	0.1000	04/08/20	0.0300	04/08/20	0.0000	04/08/20	0.0020	04/08/20	5.0000
Sample #2 Date, Result	05/20/20	0.0500	05/20/20	0.0300	05/20/20	0.0000	05/20/20	0.0020	05/20/20	5.0000
Sample #3 Date, Result	05/21/20	0.1000	05/21/20	0.0050	05/21/20	0.0050	06/23/20	0.0021	05/21/20	5.2000
Minimum		0.0500		0.0050		0.0000		0.0020		5.0000
Maximum		0.1000		0.0300		0.0050		0.0021		5.2000
Average		0.0833		0.0217		0.0017		0.0020		5.0667

	Total Toxic Organics		Chloroform		Naphthalene		Methylene Chloride		Biochemical Oxygen Demand	
Sample #1 Date, Result	05/20/20		05/20/20	0.0050	05/21/20	0.0008	05/21/20	0.0050	05/20/20	10.0000
Sample #2 Date, Result	05/21/20		05/21/20	0.0020						
Sample #3 Date, Result	06/23/20		06/23/20	0.0050						
Minimum				0.0020		0.0008		0.0050		10.0000
Maximum				0.0050		0.0008		0.0050		10.0000
Average				0.0040		0.0008		0.0050		10.0000

	Chloride		Chemical Oxygen Demand		TDS		Sulfate	
Sample #1 Date, Result	05/20/20	435.0000	04/08/20	59.6000	04/08/20	3.00	05/20/20	6,400.000
Sample #2 Date, Result			05/20/20	41.3000	05/20/20	2.00		
Sample #3 Date, Result			06/23/20	25.4000	06/23/20	2.00		
Minimum		435.0000		25.4000		2.00		6,400.000
Maximum		435.0000		59.6000		3.00		6,400.000
Average		435.0000		42.1000		2.33		6,400.000

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Electric Coating Technologies

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium*	mg/L	0.11	0	0
Copper*	mg/L	0.88	0	0
Lead*	mg/L	0.69	0	0
Molybdenum	mg/L	2.8	0	0
Nickel*	mg/L	0.80	0	0
Silver*	mg/L	0.43	0	0
Thallium	mg/L	NL	0	0
Zinc*	mg/L	2.61	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L	NL	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium*	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L	NL	0	0
Total Toxic Organics*	mg/L	2.13	0	0

*Site Specific Limit

Total Toxic Organics equals sum of chloroform, naphthalene and methylene chloride concentrations

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Monthly Average Limits

Parameter	Units	Monthly Average Limit	Average	Violations
Cadmium*	mg/L	0.07	0.0004	0
Chromium*	mg/L	1.71	0.0017	0
Copper*	mg/L	2.07	0.0222	0
Nickel*	mg/L	2.38	0.0055	0
Silver*	mg/L	0.24	0.0009	0
Zinc*	mg/L	1.48	0.0683	0
Lead*	mg/L	0.43	0.0010	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

WR Grace-Conn

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/20/20	8.0	04/20/20	0.0034	05/04/20	0.0047	04/20/20	0.0265	04/20/20	0.0070
Sample #2 Date, Result	05/04/20	7.6	05/04/20	0.0133			05/04/20	0.0108	05/04/20	0.0027
Sample #3 Date, Result	06/01/20	7.4	06/01/20	0.0173			06/01/20	0.0131	06/01/20	0.0029
Minimum		7.4		0.0034		0.0047		0.0108		0.0027
Maximum		8.0		0.0173		0.0047		0.0265		0.0070
Average		7.7		0.0113		0.0047		0.0168		0.0042

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/20/20	0.02160	04/20/20	0.01100					04/20/20	0.0672
Sample #2 Date, Result	05/04/20	0.00471	05/04/20	0.00427					05/04/20	1.3200
Sample #3 Date, Result	06/01/20	0.00476	06/01/20	0.00455					06/01/20	1.2600
Minimum		0.0047		0.0043						0.0672
Maximum		0.0218		0.0110						1.3200
Average		0.0104		0.0066						0.8824

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/20/20	0.1000	04/20/20	0.0500	04/20/20	0.5000	04/20/20	0.0001	04/20/20	0.9620
Sample #2 Date, Result	05/04/20	0.0200	05/04/20	0.0200	05/04/20	1.2000	05/04/20	0.0001	05/04/20	3.0600
Sample #3 Date, Result	06/01/20	0.0200	06/01/20	0.0200	06/01/20	1.0000	06/01/20	0.0001	06/01/20	2.3300
Minimum		0.0200				0.5000		0.0001		0.9620
Maximum		0.1000				1.2000		0.0001		3.0600
Average		0.0467				0.9000		0.0001		2.1173

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/20/20	1.0300	04/20/20	0.0500	04/20/20	0.0100	04/20/20	0.0020	04/20/20	5.0000
Sample #2 Date, Result	05/04/20	0.4190	05/04/20	0.0250	05/04/20	0.0000	05/04/20	0.0020	05/04/20	5.0000
Sample #3 Date, Result	06/01/20	0.2500	06/01/20	0.0250	06/01/20	0.0000	06/01/20	0.0030	06/01/20	5.0000
Minimum		0.2500		0.0250		0.0000		0.0020		5.0000
Maximum		1.0300		0.0500		0.0100		0.0030		5.0000
Average		0.5663		0.0333		0.0033		0.0023		5.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result			05/04/20	13.0000	04/20/20	107.00			04/20/20	4,990.00
Sample #2 Date, Result					05/04/20	39.00			05/04/20	49.00
Sample #3 Date, Result					06/01/20	32.20			06/01/20	8.00
Minimum				13.0000		32.2000				8.00
Maximum				13.0000		107.0000				4,990.00
Average				13.0000		59.4000				1,682.33

	Sulfate	
Sample #1 Date, Result	05/04/20	180.000
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		180.000
Maximum		180.000
Average		180.000

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

IFR Grace-Conn

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

USS Liquid

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result	04/23/20	0.4700	0.0000	0.0017	0.0035
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result	04/23/20	0.00470	0.0011	0.00230	0.0320
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result	04/23/20	0.0014	0.000	0.0001	9.2000
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result	04/23/20	0.0800	0.0022	0.0050	1.5000
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Residual Chlorine	Biochemical Oxygen Demand	Chemical Oxygen Demand	TDS	TSS
Sample #1 Date, Result			04/23/20		04/23/20
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Sulfate
Sample #1 Date, Result	
Sample #2 Date, Result	
Sample #3 Date, Result	
Minimum	
Maximum	
Average	

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

USS Leidl

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

TAC East, Inc.

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Residual Chlorine	Biochemical Oxygen Demand	Chemical Oxygen Demand	TDS	TSS
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Sulfate	SGT-HEM
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

EAC East, Inc.

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper*	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury*	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
SGT-HEM*	mg/L	26	0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Green Lake Tube

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/06/20	7.3	04/06/20	0.0058	06/24/20	0.0002	04/06/20	0.0019	04/06/20	0.0006
Sample #2 Date, Result	05/13/20	7.2	05/13/20	0.0054			05/13/20	0.0016	05/13/20	0.0004
Sample #3 Date, Result	06/24/20	7.2	06/24/20	0.0053			06/24/20	0.0025	06/24/20	0.0038
Minimum		7.2		0.0053		0.0002		0.0016		0.0004
Maximum		7.3		0.0058		0.0002		0.0025		0.0038
Average		7.2		0.0055		0.0002		0.0020		0.0016

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/06/20	0.0032	04/06/20	0.0054					04/06/20	0.0072
Sample #2 Date, Result	05/13/20	0.0032	05/13/20	0.0049					05/13/20	0.0046
Sample #3 Date, Result	06/24/20	0.0038	06/24/20	0.0056					06/24/20	0.0199
Minimum		0.0032		0.0049						0.0046
Maximum		0.0038		0.0056						0.0199
Average		0.0034		0.0053						0.0106

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/06/20	0.0500			04/06/20	0.8000	04/06/20	0.0001	04/06/20	1.4400
Sample #2 Date, Result	05/13/20	0.0500			05/13/20	0.8000	05/13/20	0.0001	05/13/20	1.4900
Sample #3 Date, Result	06/24/20	0.0500			06/24/20	0.8000	06/24/20	0.0001	06/24/20	1.6000
Minimum		0.0500				0.8000		0.0001		1.4400
Maximum		0.0500				0.8000		0.0001		1.6000
Average		0.0500				0.8000		0.0001		1.5100

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/06/20	0.1100	04/06/20	0.0300	04/06/20	0.0020	04/06/20	0.0020	04/06/20	5.0000
Sample #2 Date, Result	05/13/20	0.0600	05/13/20	0.0500	05/13/20	0.0020	05/13/20	0.0020	05/13/20	5.0000
Sample #3 Date, Result	06/24/20	0.0600	06/24/20	0.0300	06/24/20	0.0023	06/24/20	0.0021	06/24/20	5.0000
Minimum		0.0600		0.0300				0.0020		5.0000
Maximum		0.1100		0.0500				0.0021		5.0000
Average		0.0833		0.0367				0.0020		5.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result			06/24/20	11.00	04/06/20	32.0000			04/06/20	8.00
Sample #2 Date, Result					05/13/20	34.5000			05/13/20	8.00
Sample #3 Date, Result					06/24/20	32.0000			06/24/20	9.00
Minimum				11.00		32.0000				8.00
Maximum				11.00		34.5000				9.00
Average				11.00		32.9000				8.33

	Sulfate	
Sample #1 Date, Result	06/24/20	37.00
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		37.000
Maximum		37.000
Average		37.000

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Green Lake Tube

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

514 National Processing Corp.

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/06/20	7.9	04/06/20	0.0150	06/24/20	0.0002	04/06/20	0.0312	04/06/20	0.0004
Sample #2 Date, Result	05/13/20	7.4	05/13/20	0.0082	05/13/20		05/13/20	0.0218	05/13/20	0.0004
Sample #3 Date, Result	06/24/20	7.1	06/24/20	0.0106	06/24/20		06/24/20	0.0195	06/24/20	0.0005
Minimum		7.1		0.0082		0.0002		0.0195		0.0004
Maximum		7.9		0.0150		0.0002		0.0312		0.0005
Average		7.5		0.0113		0.0002		0.0242		0.0004

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/06/20	0.0142	04/06/20	0.0230					04/06/20	0.0146
Sample #2 Date, Result	05/13/20	0.0082	05/13/20	0.0157					05/13/20	0.0100
Sample #3 Date, Result	06/24/20	0.0169	06/24/20	0.0252					06/24/20	0.0092
Minimum		0.0082		0.0157						0.0092
Maximum		0.0169		0.0252						0.0146
Average		0.0131		0.0213						0.0113

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/06/20	0.0500			04/06/20	0.2000	04/06/20	0.0001	04/06/20	0.1000
Sample #2 Date, Result	05/13/20	0.1000			05/13/20	0.3000	05/13/20	0.0001	05/13/20	0.1000
Sample #3 Date, Result	06/24/20	0.1000			06/24/20	0.2000	06/24/20	0.0001	06/24/20	0.1000
Minimum		0.0500				0.2000		0.0001		0.1000
Maximum		0.1000				0.3000		0.0001		0.1000
Average		0.0833				0.2333		0.0001		0.1000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/06/20	0.9800	04/06/20	0.0300	04/06/20	0.0200	04/06/20	0.0020	04/06/20	5.0000
Sample #2 Date, Result	05/13/20	0.8300	05/13/20	0.0400	05/13/20	0.0100	05/13/20	0.0020	05/13/20	5.0000
Sample #3 Date, Result	06/24/20	0.5500	06/24/20	0.3100	06/24/20	0.0100	06/24/20	0.0027	06/24/20	6.0000
Minimum		0.5500		0.0300		0.0100		0.0020		5.0000
Maximum		0.9800		0.3100		0.0200		0.0027		6.0000
Average		0.7867		0.1267		0.0133		0.0022		5.3333

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result			06/24/20	89.00	04/06/20	209.00			04/06/20	47.00
Sample #2 Date, Result					05/13/20	201.00			05/13/20	47.00
Sample #3 Date, Result					06/24/20	219.00			06/24/20	37.00
Minimum				89.00		201.00				37.00
Maximum				89.00		219.00				47.00
Average				89.00		209.67				43.67

	Sulfate	
Sample #1 Date, Result	06/24/20	24.000
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		24.000
Maximum		24.000
Average		24.000

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

514 National Processing Corp.

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.3	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

ICO Polymers North America, Inc. (IPN-A)

	Field pH		Arsenic		Cadmium		Copper		Lead	
	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20
Sample #1 Date, Result		8.2		0.0008				0.0058		0.0003
Sample #2 Date, Result	05/05/20	8.1	05/05/20	0.0346			05/05/20	0.0094	05/05/20	0.0004
Sample #3 Date, Result	06/22/20	8.0	06/22/20	0.0072			06/22/20	0.0105	06/22/20	0.0016
Minimum		8.0		0.0008				0.0058		0.0003
Maximum		8.2		0.0346				0.0105		0.0016
Average		8.1		0.0142				0.0086		0.0008

	Molybdenum		Nickel		Silver		Thallium		Zinc	
	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20
Sample #1 Date, Result		0.0022		0.0022						0.0134
Sample #2 Date, Result	05/05/20	0.0020	05/05/20	0.0015			05/05/20	0.0094	05/05/20	0.0094
Sample #3 Date, Result	06/22/20	0.0018	06/22/20	0.0023			06/22/20	0.0241	06/22/20	0.0094
Minimum		0.0018		0.0015						0.0094
Maximum		0.0022		0.0023						0.0241
Average		0.0020		0.0020						0.0156

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20
Sample #1 Date, Result		0.0200		0.1000				0.0001		0.1000
Sample #2 Date, Result	05/05/20	0.0200	05/05/20	0.1000	05/05/20	0.1000	05/05/20	0.0001	05/05/20	0.1000
Sample #3 Date, Result	06/22/20	0.1000	06/22/20	0.1000	06/22/20	0.1000	06/22/20	0.0001	06/22/20	0.1000
Minimum		0.0200		0.1000				0.0001		0.1000
Maximum		0.1000		0.1000				0.0001		0.1000
Average		0.0467		0.1000				0.0001		0.1000

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20
Sample #1 Date, Result		0.5200		0.0300				0.0020		5.0000
Sample #2 Date, Result	05/05/20	0.4300	05/05/20	0.0300	05/05/20	0.0000	05/05/20	0.0020	05/05/20	5.0000
Sample #3 Date, Result	06/22/20	0.5100	06/22/20	0.0300	06/22/20	0.0000	06/22/20	0.0040	06/22/20	5.0000
Minimum		0.4300		0.0300				0.0020		5.0000
Maximum		0.5200		0.0300				0.0040		5.0000
Average		0.4867		0.0300				0.0027		5.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20	04/02/20
Sample #1 Date, Result				12.00						6.00
Sample #2 Date, Result	05/05/20		05/05/20	12.00	05/05/20	55.0000	05/05/20		05/05/20	8.00
Sample #3 Date, Result	06/22/20		06/22/20	12.0000	06/22/20	41.3000	06/22/20		06/22/20	22.00
Minimum				12.0000						6.00
Maximum				12.0000						22.00
Average				12.0000						12.00

	Sulfate	
	06/22/20	06/22/20
Sample #1 Date, Result		23.000
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		23.000
Maximum		23.000
Average		23.000

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

ICO Polymers North America, Inc. (IPNA)

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Apr 30, 2020

Industry Name:

Lakeshore Railroad & Tanker Services

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result	04/14/20	0.0921		0.2410	0.0011
Sample #2 Date, Result	04/29/20	0.6900		1.2100	0.0051
Sample #3 Date, Result					
Minimum	6.6	0.0921		0.2410	0.0011
Maximum	9.4	0.6900		1.2100	0.0051
Average	8.0	0.3911		0.7255	0.0031

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result	04/14/20	0.0060	0.0134		0.6400
Sample #2 Date, Result	04/29/20	0.0238	0.0118		0.5560
Sample #3 Date, Result					
Minimum	0.0060	0.0118			0.5560
Maximum	0.0238	0.0134			0.6400
Average	0.0149	0.0126			0.5980

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result	04/14/20	0.3000	0.414/20	0.00010	0.5900
Sample #2 Date, Result	04/29/20	0.0500	0.429/20	0.00010	0.5900
Sample #3 Date, Result					
Minimum	0.0500		0.2000	0.00010	0.5900
Maximum	0.3000		0.3000	0.00010	0.5900
Average	0.1750		0.2500	0.00010	0.5900

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result	04/14/20	0.2800	0.414/20	0.0020	15.40
Sample #2 Date, Result	04/29/20	0.5000	0.429/20	0.0020	5.00
Sample #3 Date, Result					
Minimum	0.2800	0.0300	3.3100	0.0020	5.00
Maximum	0.5000	0.0500	4.2500	0.0020	15.40
Average	0.3900	0.0400	3.7800	0.0020	10.20

	Residual Chlorine	Tin	In-Plant Cyanide	SGT-HEM	Phenanthrene
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Sulfate	TDS	TSS	Biochemical Oxygen Demand	Chemical Oxygen Demand
Sample #1 Date, Result			0.414/20		0.414/20
Sample #2 Date, Result			0.429/20	9.00	778.00
Sample #3 Date, Result				4.00	2,530.00
Minimum				4.00	778.00
Maximum				9.00	2,530.00
Average				6.50	1,654.00

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Apr 30, 2020

Industry Name:

Lakeshore Railcar & Tanker Services

	Antimony	Cobalt	Titanium	Vanadium	Carbazole
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					
	o-Cresol	p-Cresol	n-Decane	n-Octadecane	2,4,6-Trichlorophenol
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Apr 30, 2020

Industry Name:

Lakeshore Railroad & Tanker Services

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	1	1
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	1	1
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	1	1
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	2	2
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.3911	1
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.3230	3.7800	1
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	0.7255	1
Lead	mg/L	0.1600	0.0031	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0126	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.5980	0
Bis(2-ethylhexyl)s/phthalate	mg/L	0.1010	0.1750	1
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268		
n-Octadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

May 01, 2020 to May 31, 2020

Industry Name:

Lakeshore Railcar & Tanker Services

	Field pH		Arsenic		Cadmium		Copper		Lead	
	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20
Sample #1 Date, Result		7.2		0.5700		0.0010		1.9500		0.0024
Sample #2 Date, Result	05/28/20	7.5	05/28/20	0.2940			05/28/20	0.5900	05/28/20	0.0497
Sample #3 Date, Result										
Minimum		7.2		0.2940		0.0010		0.5900		0.0024
Maximum		7.5		0.5700		0.0010		1.9500		0.0497
Average		7.4		0.4320		0.0010		1.2700		0.0260

	Molybdenum		Nickel		Silver		Thallium		Zinc	
	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20
Sample #1 Date, Result		0.0187		0.0279						0.2150
Sample #2 Date, Result	05/28/20	0.0054	05/28/20	0.0137					05/28/20	2.6800
Sample #3 Date, Result										
Minimum		0.0054		0.0137						0.2150
Maximum		0.0187		0.0279						2.6800
Average		0.0121		0.0208						1.4475

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20
Sample #1 Date, Result		0.0500			0.1000		0.00010			7.9900
Sample #2 Date, Result	05/28/20	0.1000			0.2000	05/28/20	0.00010		05/28/20	17.0000
Sample #3 Date, Result										
Minimum		0.0500			0.1000		0.00010			7.9900
Maximum		0.1000			0.2000		0.00010			17.0000
Average		0.0750			0.1500		0.00010			12.4950

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20
Sample #1 Date, Result		0.0900		0.0800		7.0900		0.0098		10.80
Sample #2 Date, Result	05/28/20	0.1600	05/28/20	0.1500	05/28/20	0.1900	05/28/20	0.0096	05/28/20	38.80
Sample #3 Date, Result										
Minimum		0.0900		0.0800		0.1900		0.0096		10.80
Maximum		0.1600		0.1500		7.0900		0.0098		39.80
Average		0.1250		0.1150		3.6400		0.0097		25.30

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum										
Maximum										
Average										

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20	05/12/20
Sample #1 Date, Result		65.00			20.00		8,340.00			13,200.00
Sample #2 Date, Result					31.00					4,570.00
Sample #3 Date, Result										
Minimum		65.00			20.00		8,340.00			4,570.00
Maximum		65.00			31.00		8,340.00			13,200.00
Average		65.00			25.50		8,340.00			8,885.00

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

May 01, 2020 to May 31, 2020

Industry Name:

Lakeshore Railcar & Tanker Services

	Antimony	Cobalt	Titanium	Vanadium	Carbazole
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	o-Cresol	p-Cresol	n-Decane	n-Octadecane	2,4,6-Trichlorophenol
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

May 01, 2020 to May 31, 2020

Industry Name:

Lakeshore Railcar & Tanker Services

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	2	2
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	2	1
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	1	1
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	1	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.4320	1
Cadmium	mg/L	0.0962	0.0010	0
Chromium	mg/L	0.3230	3.6400	1
Cobalt	mg/L	0.1240		
Copper	mg/L	0.2420	1.2700	1
Lead	mg/L	0.1600	0.0260	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0208	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0682		
Zinc	mg/L	0.6410	1.4475	1
Bis(2-ethylhexyls)phthalate	mg/L	0.1010	0.0750	0
Carbazole	mg/L	0.2760		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	0.4370		
Fluoranthene	mg/L	0.0268		
n-Octadecane	mg/L	0.3020		
2,4,6-Trichlorophenol	mg/L	0.1060		
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Jun 01, 2020 to Jun 30, 2020

Industry Name:

Lakeshore Railroad & Tanker Services

	Field pH		Arsenic		Cadmium		Copper		Lead	
	06/30/20	7.3	06/30/20	0.0348	06/30/20	0.0007	06/30/20	0.0380	06/30/20	0.0087
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		7.3		0.0348		0.0007		0.0380		0.0087
Maximum		7.3		0.0348		0.0007		0.0380		0.0087
Average		7.3		0.0348		0.0007		0.0380		0.0087

	Molybdenum		Nickel		Silver		Thallium		Zinc	
	06/30/20	0.0064	06/30/20	0.0098					06/30/20	0.3880
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0064		0.0098						0.3880
Maximum		0.0064		0.0098						0.3880
Average		0.0064		0.0098						0.3880

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
	06/30/20	0.0500	06/30/20	0.0500	06/30/20	0.3000	06/30/20	0.00010	06/30/20	8.1700
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.0500		0.0500		0.3000		0.00010		8.1700
Maximum		0.0500		0.0500		0.3000		0.00010		8.1700
Average		0.0500		0.0500		0.3000		0.00010		8.1700

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
	06/30/20	0.2400	06/30/20	0.0300	06/30/20	0.0000	06/30/20	0.0020	06/30/20	5.00
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		0.2400		0.0300		0.0000		0.0020		5.00
Maximum		0.2400		0.0300		0.0000		0.0020		5.00
Average		0.2400		0.0300		0.0000		0.0020		5.00

	Residual Chlorine		Tin		In-Plant Cyanide		SGT-HEM		Phenanthrene	
	06/30/20	210.00	06/30/20	0.0050	06/30/20	0.0000	06/30/20	5.0000	06/30/20	0.0500
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		210.00		0.0050		0.0000		5.0000		0.0500
Maximum		210.00		0.0050		0.0000		5.0000		0.0500
Average		210.00		0.0050		0.0000		5.0000		0.0500

	Sulfate		TDS		TSS		Biochemical Oxygen Demand		Chemical Oxygen Demand	
	06/30/20	210.00	06/30/20	23.00	06/30/20	23.00	06/30/20	107.00	06/30/20	331.00
Sample #1 Date, Result										
Sample #2 Date, Result										
Sample #3 Date, Result										
Minimum		210.00		23.00		23.00		107.00		331.00
Maximum		210.00		23.00		23.00		107.00		331.00
Average		210.00		23.00		23.00		107.00		331.00

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jun 01, 2020 to Jun 30, 2020

Industry Name:

Lakeshore Railcar & Tanker Services

		Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result	06/30/20	0.0010		0.0010		0.0100		0.0500		0.0500	
Sample #2 Date, Result											
Sample #3 Date, Result											
Minimum		0.0010		0.0010		0.0100		0.0500		0.0500	
Maximum		0.0010		0.0010		0.0100		0.0500		0.0500	
Average		0.0010		0.0010		0.0100		0.0500		0.0500	

		o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result	06/30/20	0.1000		0.1000		0.0500		0.0500		0.0500	
Sample #2 Date, Result											
Sample #3 Date, Result											
Minimum		0.1000		0.1000		0.0500		0.0500		0.0500	
Maximum		0.1000		0.1000		0.0500		0.0500		0.0500	
Average		0.1000		0.1000		0.0500		0.0500		0.0500	

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Jun 01, 2020 to Jun 30, 2020

Industry Name:

Lakeshore Railcar & Tanker Services

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	0.162	0	0
Cadmium	mg/L	0.474	0	0
Copper	mg/L	0.5	0	0
Lead	mg/L	0.350	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L	0.120	0	0
Thallium	mg/L		0	0
Zinc*	mg/L	2.87	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	0.215	0	0
Fluoranthene*	mg/L	0.0537	0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	0.746	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	36	0	0
Residual Chlorine	mg/L	NL	0	0
SGT-HEM*	mg/L	26	0	0
Phenanthrene*	mg/L	0.34	0	0
In-Plant Cyanide*	mg/L	500	0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.5980	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	0.9480	0	0
n-Octadecane*	mg/L	0.5890	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060	0.0010	0
Arsenic	mg/L	0.1040	0.0348	0
Cadmium	mg/L	0.0962	0.0007	0
Chromium	mg/L	0.3230	0.0000	0
Cobalt	mg/L	0.1240	0.0010	0
Copper	mg/L	0.2420	0.0380	0
Lead	mg/L	0.1600	0.0087	0
Mercury	mg/L	0.000739	0.0001	0
Nickel	mg/L	1.4500	0.0098	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0050	0
Titanium	mg/L	0.0618	0.0100	0
Vanadium	mg/L	0.0662	0.0500	0
Zinc	mg/L	0.6410	0.3880	0
Bis(2-ethylhexyl)sphthalate	mg/L	0.1010	0.0500	0
Carbazole	mg/L	0.2760	0.0500	0
o-Cresol	mg/L	0.5610	0.1000	0
p-Cresol	mg/L	0.2050	0.1000	0
n-Decane	mg/L	0.4370	0.0500	0
Fluoranthene	mg/L	0.0268	0.0500	1
n-Octadecane	mg/L	0.3020	0.0500	0
2,4,6-Trichlorophenol	mg/L	0.1060	0.0500	0
In-Plant Cyanide	mg/L	178.0		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Outfall 531 - Proxair, Inc.

	Field pH		Arsenic		Cadmium		Copper		Lead	
	04/15/20	7.7000	04/15/20	0.0114	05/07/20	0.0002	04/15/20	0.027	04/15/20	0.0006
Sample #1 Date, Result	05/07/20	7.5000	05/07/20	0.0121	06/08/20	0.0002	05/07/20	0.020	05/07/20	0.0009
Sample #2 Date, Result	06/08/20	7.9000	06/08/20	0.0083			05/08/20	0.029	06/08/20	0.0024
Sample #3 Date, Result										
Minimum		7.5		0.0083		0.0002		0.0195		0.0006
Maximum		7.9		0.0121		0.0002		0.0293		0.0024
Average		7.7		0.0106		0.0002		0.0253		0.0013

	Molybdenum		Nickel		Silver		Thallium		Zinc	
	04/15/20	0.0118	04/15/20	0.0174					04/15/20	0.0168
Sample #1 Date, Result	05/07/20	0.0094	05/07/20	0.0057					05/07/20	0.0168
Sample #2 Date, Result	06/08/20	0.0107	06/08/20	0.0107					06/08/20	0.0263
Sample #3 Date, Result										
Minimum		0.0094		0.0057						0.0168
Maximum		0.0118		0.0174						0.0263
Average		0.0106		0.0113						0.0200

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride (lbs/day)		Mercury		Ammonia	
	04/15/20	0.0800			04/15/20	0.577	04/15/20	0.0001	04/15/20	1.5300
Sample #1 Date, Result	05/07/20	0.0100			06/08/20	0.156	05/07/20	0.0001	05/07/20	1.4600
Sample #2 Date, Result	06/08/20	0.0200					06/08/20	0.0001	06/08/20	2.7200
Sample #3 Date, Result										
Minimum		0.0100				0.1564		0.0001		1.4600
Maximum		0.0800				0.5772		0.0001		2.7200
Average		0.0367				0.3668		0.0001		1.9033

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
	04/15/20	1.7500	04/15/20	0.0300	04/15/20	0.0000	05/07/20	0.0025	04/15/20	5.0000
Sample #1 Date, Result	05/07/20	1.2600	05/07/20	0.0300	05/07/20	0.0000	06/08/20	0.0020	05/07/20	5.0000
Sample #2 Date, Result			06/08/20	0.0300		0.0000				
Sample #3 Date, Result										
Minimum		1.2600		0.0300		0.0000		0.0020		5.0000
Maximum		1.7500		0.0300		0.0000		0.0025		5.0000
Average		1.5050		0.0300		0.0000		0.0023		5.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
			05/07/20	11.00	04/15/20	51.5000			04/15/20	0.01
Sample #1 Date, Result			06/08/20	11.00	05/07/20	41.3000			05/07/20	7.00
Sample #2 Date, Result					06/08/20	43.6000			06/08/20	11.00
Sample #3 Date, Result										
Minimum				11.0000		41.3000				0.01
Maximum				11.0000		51.5000				11.00
Average				11.0000		45.4667				6.00

	Sulfate	
	05/07/20	320.000
Sample #1 Date, Result	06/08/20	300.000
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		300.000
Maximum		320.000
Average		310.000

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Outfall 531 - Proxair, Inc.

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/l	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride*	lbs/day	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Outfall 541 - Prosser, Inc.

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/15/20	7.7	04/15/20	0.0061	05/07/20	0.0002	04/15/20	0.0083	04/15/20	0.0006
Sample #2 Date, Result	05/07/20	7.5	05/07/20	0.0074	06/08/20	0.0002	05/07/20	0.0065	05/07/20	0.0008
Sample #3 Date, Result	06/08/20	7.9	06/08/20	0.0129			05/08/20	0.0059	06/08/20	0.0012
Minimum		7.5		0.0061		0.0002		0.0059		0.0006
Maximum		7.9		0.0129		0.0002		0.0083		0.0012
Average		7.7		0.0088		0.0002		0.0069		0.0009

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/15/20	0.0029	04/15/20	0.0037					04/15/20	0.0315
Sample #2 Date, Result	05/07/20	0.0034	05/07/20	0.0024					05/07/20	0.0304
Sample #3 Date, Result	06/08/20	0.0048	06/08/20	0.0026					06/08/20	0.0357
Minimum		0.0029		0.0024						0.0304
Maximum		0.0048		0.0037						0.0357
Average		0.0037		0.0029						0.0325

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/15/20	0.0500			04/15/20	0.3000	04/15/20	0.0001	04/15/20	7.1000
Sample #2 Date, Result	05/07/20	0.0000			05/07/20	0.6000	05/07/20	0.0001	05/07/20	2.9600
Sample #3 Date, Result	06/08/20	0.0500			06/08/20	0.5000	06/08/20	0.0001	06/08/20	1.5200
Minimum		0.0000				0.3000		0.0001		1.5200
Maximum		0.0500				0.6000		0.0001		7.1000
Average		0.0333				0.4667		0.0001		3.8600

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/15/20	1.3700	04/15/20	0.0300	04/15/20	0.0000	04/15/20	0.0020	04/15/20	16.3000
Sample #2 Date, Result	05/07/20	0.6600	05/07/20	0.0000	05/07/20	0.0000	05/07/20	0.0023	05/07/20	5.0000
Sample #3 Date, Result	06/08/20	0.7000	06/08/20	0.0000	06/08/20	0.0000	06/08/20	0.0020	06/08/20	5.0000
Minimum		0.6600		0.0000		0.0000		0.0020		5.0000
Maximum		1.3700		0.0300		0.0000		0.0023		16.3000
Average		0.9100		0.0100		0.0000		0.0021		8.7667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result			05/07/20	11.00	04/15/20	86.00			04/15/20	17.00
Sample #2 Date, Result			06/08/20	11.00	05/07/20	45.90			05/07/20	12.00
Sample #3 Date, Result					06/08/20	45.90			06/08/20	17.00
Minimum				11.00		45.90				12.00
Maximum				11.00		86.00				17.00
Average				11.00		59.27				15.33

	Sulfate	
Sample #1 Date, Result	05/07/20	35.000
Sample #2 Date, Result	06/08/20	40.000
Sample #3 Date, Result		
Minimum		35.000
Maximum		40.000
Average		37.500

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Outfall 541 - Proxair, Inc.

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Outfall 611 - ArcelorMittal - Harbor East

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result	04/22/20 7.7	04/22/20 0.0008	05/26/20 0.0002	04/22/20 0.0113	04/22/20 0.0005
Sample #2 Date, Result	05/26/20 7.8	05/26/20 0.0146		05/26/20 0.0278	05/26/20 0.0005
Sample #3 Date, Result	06/22/20 8.0	06/22/20 0.0009		06/22/20 0.0036	06/22/20 0.0002
Minimum	7.7	0.0008	0.0002	0.0036	0.0002
Maximum	8.0	0.0146	0.0002	0.0278	0.0005
Average	7.8	0.0054	0.0002	0.0142	0.0004

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result	04/22/20 0.0020	04/22/20 0.0028			04/22/20 0.0202
Sample #2 Date, Result	05/26/20 0.0122	05/26/20 0.0060			05/26/20 0.0359
Sample #3 Date, Result	06/22/20 0.0013	06/22/20 0.0018			06/22/20 0.0052
Minimum	0.0013	0.0018			0.0052
Maximum	0.0122	0.0060			0.0359
Average	0.0052	0.0036			0.0204

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result	04/22/20 0.0200		04/22/20 0.1000	04/22/20 0.0001	04/22/20 0.7200
Sample #2 Date, Result	05/26/20 0.0200		05/26/20 0.1000	05/26/20 0.0001	05/26/20 1.0300
Sample #3 Date, Result	06/22/20 0.0200		06/22/20 0.1000	06/22/20 0.0001	06/22/20 0.1800
Minimum	0.0200		0.1000	0.0001	0.1800
Maximum	0.0200		0.1000	0.0001	1.0300
Average	0.0200		0.1000	0.0001	0.6433

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result	04/22/20 0.8000	04/22/20 0.0300	04/22/20 0.0000	04/22/20 0.0025	04/22/20 5.0000
Sample #2 Date, Result	05/26/20 1.2800	05/26/20 0.0300	05/26/20 0.0000	05/26/20 0.0020	05/26/20 5.0000
Sample #3 Date, Result	06/22/20 0.6200	06/22/20 0.0300	06/22/20 0.0000	06/22/20 0.0020	06/22/20 5.0000
Minimum	0.6200	0.0300	0.0000	0.0020	5.0000
Maximum	1.2800	0.0300	0.0000	0.0025	5.0000
Average	0.9000	0.0300	0.0000	0.0022	5.0000

	Residual Chlorine	Biochemical Oxygen Demand	Chemical Oxygen Demand	TDS	TSS
Sample #1 Date, Result		05/26/20 17.00	04/22/20 46.90		04/22/20 4.00
Sample #2 Date, Result			05/26/20 68.70		05/26/20 28.00
Sample #3 Date, Result			06/22/20 93.70		06/22/20 2.00
Minimum		17.00	46.90		2.00
Maximum		17.00	93.70		28.00
Average		17.00	69.77		11.33

	Sulfate
Sample #1 Date, Result	05/26/20 27.000
Sample #2 Date, Result	
Sample #3 Date, Result	
Minimum	27.000
Maximum	27.000
Average	27.000

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Outfall 611 - ArcelorMittal - Harbor East

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Outfall 804 - Accelerant in Harbor East

	Field pH		Arsenic		Cadmium		Copper		Lead	
	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20
Sample #1 Date, Result	7.9		0.0033				0.0212		0.0008	
Sample #2 Date, Result	8.3		0.0052				0.0074		0.0008	
Sample #3 Date, Result										
Minimum	7.9		0.0033				0.0074		0.0008	
Maximum	8.3		0.0052				0.0212		0.0008	
Average	8.1		0.0042				0.0143		0.0008	

	Molybdenum		Nickel		Silver		Thallium		Zinc	
	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20
Sample #1 Date, Result	0.0027		0.0049						0.0366	
Sample #2 Date, Result	0.0036		0.0030						0.0321	
Sample #3 Date, Result										
Minimum	0.0027		0.0030						0.0321	
Maximum	0.0036		0.0049						0.0366	
Average	0.0031		0.0040						0.0344	

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20
Sample #1 Date, Result	0.0200				0.2000		0.0001		2.7900	
Sample #2 Date, Result	0.0500				0.4000		0.0001		3.7200	
Sample #3 Date, Result										
Minimum	0.0200				0.2000		0.0001		2.7900	
Maximum	0.0500				0.4000		0.0001		3.7200	
Average	0.0350				0.3000		0.0001		3.2550	

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20
Sample #1 Date, Result	0.9200		0.0300		0.0000		0.0020		5.0000	
Sample #2 Date, Result	1.7300		0.0300		0.0000		0.0020		5.0000	
Sample #3 Date, Result										
Minimum	0.9200		0.0300		0.0000		0.0020		5.0000	
Maximum	1.7300		0.0300		0.0000		0.0020		5.0000	
Average	1.3250		0.0300		0.0000		0.0020		5.0000	

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20	04/21/20	06/03/20
Sample #1 Date, Result					49.20				15.00	
Sample #2 Date, Result					43.60				7.00	
Sample #3 Date, Result										
Minimum					43.60				7.00	
Maximum					49.20				15.00	
Average					46.40				11.00	

	Sulfate	
	04/21/20	06/03/20
Sample #1 Date, Result		
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		
Maximum		
Average		

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Outfall 804 - Arcerhornital in Harbor East

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Outfall 805 - Arcydormital in Harbor East

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result	04/21/20	0.0056	0.0002	0.0024	0.0004
Sample #2 Date, Result	05/18/20	0.0184		0.0194	0.0012
Sample #3 Date, Result	06/03/20	0.0073		0.0052	0.0006
Minimum	7.5	0.0056	0.0002	0.0024	0.0004
Maximum	7.7	0.0184	0.0002	0.0194	0.0012
Average	7.6	0.0104	0.0002	0.0090	0.0007

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result	04/21/20	0.0139			0.0054
Sample #2 Date, Result	05/18/20	0.0101			0.0258
Sample #3 Date, Result	06/03/20	0.0158			0.0303
Minimum	0.0101	0.0029			0.0054
Maximum	0.0158	0.0053			0.0303
Average	0.0133	0.0039			0.0205

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result	04/21/20	0.0200	0.4000	0.0001	4.7500
Sample #2 Date, Result	05/18/20	0.0200	0.4000	0.0001	2.8800
Sample #3 Date, Result	06/03/20	0.0200	0.8000	0.0001	3.6400
Minimum	0.0200		0.4000	0.0001	2.8800
Maximum	0.0200		0.8000	0.0001	4.7500
Average	0.0200		1.5333	0.0001	3.7567

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result	04/21/20	0.1900	0.0300	0.0020	5.0000
Sample #2 Date, Result	05/18/20	0.1300	0.0300	0.0020	5.0000
Sample #3 Date, Result	06/03/20	0.1400	0.0500	0.0020	5.0000
Minimum	0.1300	0.0300	0.0000	0.0020	5.0000
Maximum	0.1900	0.0500	0.0000	0.0020	5.0000
Average	0.1533	0.0367	0.0000	0.0020	5.0000

	Residual Chlorine	Biochemical Oxygen Demand	Chemical Oxygen Demand	TDS	TSS
Sample #1 Date, Result		05/18/20	30.80		3.00
Sample #2 Date, Result			32.20		5.00
Sample #3 Date, Result			29.90		4.00
Minimum			29.90		3.00
Maximum			32.20		5.00
Average			30.97		4.00

	Sulfate
Sample #1 Date, Result	64.000
Sample #2 Date, Result	
Sample #3 Date, Result	
Minimum	64.000
Maximum	64.000
Average	64.000

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Outfall 805 - ArcelorMittal in Harbor East

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Apr 30, 2020

Industry Name:

Safety Kleen Systems

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result	04/13/20	0.0098		0.0133	0.00354
Sample #2 Date, Result	04/28/20	0.0126		0.0244	0.00474
Sample #3 Date, Result					
Minimum	7.5	0.0098		0.0133	0.0035
Maximum	7.5	0.0126		0.0244	0.0047
Average	7.5	0.0112		0.0189	0.0041

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result	04/13/20	0.11500			0.3330
Sample #2 Date, Result	04/28/20	0.07740			0.2940
Sample #3 Date, Result					
Minimum	0.0774	0.0213			0.2940
Maximum	0.1150	0.0259			0.3330
Average	0.0962	0.0236			0.3135

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result	04/13/20	0.1000	2.60	0.00045	60.00
Sample #2 Date, Result	04/28/20	0.0500	3.00	0.00075	71.00
Sample #3 Date, Result					
Minimum	0.0500		2.6000	0.0005	60.0000
Maximum	0.1000		3.0000	0.0008	71.0000
Average	0.0750		2.8000	0.0006	65.5000

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result	04/13/20	1.5100	0.0200	0.0770	22.2000
Sample #2 Date, Result	04/28/20	2.2200	0.0300	0.0830	18.2000
Sample #3 Date, Result					
Minimum	1.5100	0.1000	0.0200	0.0770	18.2000
Maximum	2.2200	0.1100	0.0300	0.0830	22.2000
Average	1.8650	0.1050	0.0250	0.0800	20.2000

	Residual Chlorine	Tin	Sulfate	Biochemical Oxygen Demand	Chemical Oxygen Demand
Sample #1 Date, Result					1.320.00
Sample #2 Date, Result					1.870.00
Sample #3 Date, Result					
Minimum					1.320.00
Maximum					1.870.00
Average					1.595.00

	TDS	TSS
Sample #1 Date, Result		882.00
Sample #2 Date, Result		1,120.00
Sample #3 Date, Result		
Minimum		882.00
Maximum		1,120.00
Average		1,001.00

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Apr 30, 2020

Industry Name:

Safety Kleen Systems

	Antimony	Cobalt	Titanium	Vanadium	Carbazole
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	o-Cresol	p-Cresol	n-Decane	n-Octadecane	2,4,6-Trichlorophenol
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Apr 30, 2020

Industry Name:

Safety Klean Systems

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	2	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0112	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0250	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0189	0
Lead	mg/L	0.1720	0.0041	0
Mercury	mg/L	0.000739	0.000600	0
Nickel	mg/L	1.4500	0.0236	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200		
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.3135	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0750	0
Carbazole	mg/L	0.2230		
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3930		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1080		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

May 01, 2020 to May 31, 2020

Industry Name:

Safety-Kleen Systems

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result	05/06/20 9.5	05/06/20 0.0084		05/06/20 0.0076	05/06/20 0.00109
Sample #2 Date, Result	05/21/20 7.2	05/21/20 0.0080		05/21/20 0.0083	05/21/20 0.00143
Sample #3 Date, Result	05/29/20 7.2	05/29/20 0.0057		05/29/20 0.0106	
Minimum		0.0057		0.0076	0.0011
Maximum		0.0084		0.0106	0.0014
Average		0.0074		0.0088	0.0013

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result	05/06/20 0.03200	05/06/20 0.02890			05/06/20 0.1180
Sample #2 Date, Result	05/21/20 0.03590	05/21/20 0.01090			05/21/20 0.1170
Sample #3 Date, Result	05/29/20 0.03830	05/29/20 0.01620			05/29/20 0.1690
Minimum	0.0320	0.0109			0.1170
Maximum	0.0383	0.0289			0.1690
Average	0.0354	0.0187			0.1347

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result	05/06/20 0.1000	05/06/20 0.0600	05/06/20 2.10	05/06/20 0.00080	05/06/20 56.90
Sample #2 Date, Result	05/21/20 0.1000	05/21/20 0.0500	05/21/20 1.30	05/21/20 0.00018	05/21/20 47.50
Sample #3 Date, Result	05/29/20 0.0000	05/29/20 0.0400	05/29/20 1.40		05/29/20 55.00
Minimum	0.0000	0.0400	1.3000	0.0002	47.5000
Maximum	0.1000	0.0600	2.1000	0.0008	56.9000
Average	0.0667	0.0500	1.6000	0.0005	53.1333

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result	05/06/20 0.7500	05/06/20 0.0600	05/06/20 0.0100	05/06/20 0.0950	05/06/20 10.4000
Sample #2 Date, Result	05/21/20 0.7800	05/21/20 0.0500	05/21/20 0.0100	05/21/20 0.3000	05/21/20 6.1000
Sample #3 Date, Result	05/29/20 1.2000	05/29/20 0.0400	05/29/20 0.0100		05/29/20 6.4000
Minimum	0.7500	0.0400	0.0100	0.0950	6.1000
Maximum	1.2000	0.0600	0.0100	0.3000	10.4000
Average	0.9100	0.0500	0.0100	0.1975	7.6333

	Residual Chlorine	Tin	Sulfate	Biochemical Oxygen Demand	Chemical Oxygen Demand
Sample #1 Date, Result		05/29/20 0.00			05/06/20 593.00
Sample #2 Date, Result					05/21/20 575.00
Sample #3 Date, Result					
Minimum		0.0000			575.00
Maximum		0.0000			593.00
Average		0.0000			584.00

	TDS	TSS
Sample #1 Date, Result		05/06/20 188.00
Sample #2 Date, Result		05/21/20 253.00
Sample #3 Date, Result		
Minimum		188.00
Maximum		253.00
Average		220.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

May 01, 2020 to May 31, 2020

Industry Name:

Safety Klean Systems

	Antimony	Cobalt	Titanium	Vanadium	Carbazole
Sample #1 Date, Result					0.0000
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					0.0000
Maximum					0.0000
Average					0.0000

	o-Cresol	p-Cresol	n-Decane	n-Octadecane	2,4,6-Trichlorophenol
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

May 01, 2020 to May 31, 2020

Industry Name:

Safety Klean Systems

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/l	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	1	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0074	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0100	0
Cobalt	mg/L	0.1240		
Copper	mg/L	0.3010	0.0088	0
Lead	mg/L	0.1720	0.0013	0
Mercury	mg/L	0.000739	0.000490	0
Nickel	mg/L	1.4500	0.0187	0
Silver	mg/L	0.0351		
Tin	mg/l	0.1200	0.0000	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1347	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.0667	0
Carbazole	mg/L	0.2230	0.0000	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100		
Fluoranthene	mg/L	0.3830		
n-Octadecane	mg/L	0.9250		
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Jun 01, 2020 to Jun 30, 2020

Industry Name:

Safety Klean Systems

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result	06/11/20 7.4	0.0103		0.0144	0.00209
Sample #2 Date, Result	06/29/20 7.2	0.0137		0.0113	0.00213
Sample #3 Date, Result					
Minimum	7.2	0.0103		0.0113	0.0021
Maximum	7.4	0.0137		0.0144	0.0021
Average	7.3	0.0120		0.0129	0.0021

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result	06/11/20 0.03240	0.01710			0.1430
Sample #2 Date, Result	06/29/20 0.05320	0.01950			0.1980
Sample #3 Date, Result					
Minimum	0.0324	0.0171			0.1430
Maximum	0.0532	0.0195			0.1980
Average	0.0428	0.0183			0.1705

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result	06/11/20 0.1000	0.100	1.80	0.00016	49.60
Sample #2 Date, Result	06/29/20 0.1000		2.30	0.00027	72.70
Sample #3 Date, Result					
Minimum	0.1000	0.1000	1.8000	0.0002	49.6000
Maximum	0.1000	0.1000	2.3000	0.0003	72.7000
Average	0.1000	0.1000	2.0500	0.0002	61.1500

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result	06/11/20 1.1500	0.06/11/20 0.0500	0.0100	0.4500	6.8000
Sample #2 Date, Result	06/29/20 1.0600	0.06/29/20 0.0600	0.0200	0.2700	7.6000
Sample #3 Date, Result					
Minimum	1.0600	0.0500	0.0100	0.2700	6.6000
Maximum	1.1500	0.0600	0.0200	0.4500	7.6000
Average	1.1050	0.0550	0.0150	0.3600	7.1000

	Residual Chlorine	Tin	Sulfate	Biochemical Oxygen Demand	Chemical Oxygen Demand
Sample #1 Date, Result		0.01			500.00
Sample #2 Date, Result					937.00
Sample #3 Date, Result					
Minimum		0.0050			500.00
Maximum		0.0050			937.00
Average		0.0050			718.50

	TDS	TSS
Sample #1 Date, Result		06/11/20 156.00
Sample #2 Date, Result		06/29/20 277.00
Sample #3 Date, Result		
Minimum		156.00
Maximum		277.00
Average		216.50

East Chicago Sanitary District: Waste Water Division

Pretreatment Monitoring Report

Jun 01, 2020 to Jun 30, 2020

Industry Name:

Safety Kleen Systems

Antimony		Cobalt		Titanium		Vanadium		Carbazole	
Sample #1 Date, Result		06/29/20	0.0020					06/29/20	0.1000
Sample #2 Date, Result									
Sample #3 Date, Result									
Minimum			0.0020						0.1000
Maximum			0.0020						0.1000
Average			0.0020						0.1000

o-Cresol		p-Cresol		n-Decane		n-Octadecane		2,4,6-Trichlorophenol	
Sample #1 Date, Result				06/29/20	0.1000	06/29/20	0.1000		
Sample #2 Date, Result									
Sample #3 Date, Result									
Minimum					0.1000		0.1000		
Maximum					0.1000		0.1000		
Average					0.1000		0.1000		

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Jun 01, 2020 to Jun 30, 2020

Industry Name:

Safety Kleen Systems

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic*	mg/L	1.310	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead*	mg/L	2.280	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc*	mg/L	5.50	0	0
Bis(2-ethylhexyl)phthalate*	mg/L	1.030	0	0
Fluoranthene*	mg/L	0.787	0	0
Fluoride	mg/L	30.0	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31.0	0	0
Phenols	mg/L	1.0	0	0
Chromium	mg/L	7.000	0	0
Available Cyanide	mg/L	0.019	2	2
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0
Antimony*	mg/L	0.2490	0	0
Cobalt*	mg/L	0.1920	0	0
Tin*	mg/L	0.4090	0	0
Titanium*	mg/L	0.0947	0	0
Vanadium*	mg/L	0.2180	0	0
Carbazole*	mg/L	0.3920	0	0
o-Cresol*	mg/L	1.9200	0	0
p-Cresol*	mg/L	0.6980	0	0
n-Decane*	mg/L	5.7900	0	0
n-Octadecane*	mg/L	1.2200	0	0
2,4,6-Trichlorophenol*	mg/L	0.1550	0	0

*Site Specific Limit

**If not specified, the unit is in mg/L

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Monthly Average Limits*

Parameter	Units	Monthly Average Limit	Average	Violations
Antimony	mg/L	0.2060		
Arsenic	mg/L	0.1040	0.0120	0
Cadmium	mg/L	0.0962		
Chromium	mg/L	0.4870	0.0150	0
Cobalt	mg/L	0.1240	0.0020	0
Copper	mg/L	0.3010	0.0129	0
Lead	mg/L	0.1720	0.0021	0
Mercury	mg/L	0.000739	0.000215	0
Nickel	mg/L	1.4500	0.0183	0
Silver	mg/L	0.0351		
Tin	mg/L	0.1200	0.0050	0
Titanium	mg/L	0.0618		
Vanadium	mg/L	0.0662		
Zinc	mg/L	0.6410	0.1705	0
Bis(2-ethylhexyl)phthalate	mg/L	0.1580	0.1000	0
Carbazole	mg/L	0.2230	0.1000	0
o-Cresol	mg/L	0.5610		
p-Cresol	mg/L	0.2050		
n-Decane	mg/L	3.3100	0.1000	0
Fluoranthene	mg/L	0.3930	0.1000	0
n-Octadecane	mg/L	0.9250	0.1000	0
2,4,6-Trichlorophenol	mg/L	0.1060		

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Outfall 934 - ArcelorMittal in Harbor West

Industry Name:

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result	04/16/20 7.4	04/16/20 0.0018	06/09/20 0.0002	04/16/20 0.0081	04/16/20 0.0002
Sample #2 Date, Result	05/27/20 7.6	05/27/20 0.0050		05/27/20 0.0074	05/27/20 0.0002
Sample #3 Date, Result	06/09/20 7.6	06/09/20 0.0033		06/09/20 0.0111	06/09/20 0.0004
Minimum	7.4	0.0018	0.0002	0.0074	0.0002
Maximum	7.6	0.0050	0.0002	0.0111	0.0004
Average	7.5	0.0034	0.0002	0.0089	0.0003

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result	04/16/20 0.0029	04/16/20 0.0069		04/16/20 0.0081	04/16/20 0.0081
Sample #2 Date, Result	05/27/20 0.0047	05/27/20 0.0042		05/27/20 0.0074	05/27/20 0.0106
Sample #3 Date, Result	06/09/20 0.0045	06/09/20 0.0036		06/09/20 0.0111	06/09/20 0.0176
Minimum	0.0029	0.0036			0.0081
Maximum	0.0047	0.0069			0.0176
Average	0.0040	0.0049			0.0121

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result	04/16/20 0.1200		04/16/20 0.4000	04/16/20 0.0001	04/16/20 3.2300
Sample #2 Date, Result	05/27/20 0.0200		05/27/20 0.6000	05/27/20 0.0001	05/27/20 2.3100
Sample #3 Date, Result	06/09/20 0.0200		06/09/20 0.5000	06/09/20 0.0001	06/09/20 8.1200
Minimum	0.0200		0.4000	0.0001	2.3100
Maximum	0.1200		0.6000	0.0001	8.1200
Average	0.0533		0.5000	0.0001	4.5533

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result	04/16/20 0.7300	04/16/20 0.0300	04/16/20 0.0000	04/16/20 0.0020	04/16/20 5.0000
Sample #2 Date, Result	05/27/20 0.4500	05/27/20 0.0300	05/27/20 0.0000	05/27/20 0.0020	05/27/20 5.0000
Sample #3 Date, Result	06/09/20 0.9900	06/09/20 0.0300	06/09/20 0.0000	06/09/20 0.0020	06/09/20 5.0000
Minimum	0.4500	0.0300	0.0000	0.0020	5.0000
Maximum	0.9900	0.0300	0.0000	0.0020	5.0000
Average	0.7233	0.0300	0.0000	0.0020	5.0000

	Residual Chlorine	Biochemical Oxygen Demand	Chemical Oxygen Demand	TDS	TSS
Sample #1 Date, Result		06/09/20 11.00	04/16/20 44.60		04/16/20 3.00
Sample #2 Date, Result			05/27/20 50.40		05/27/20 4.00
Sample #3 Date, Result			06/09/20 70.90		06/09/20 12.00
Minimum		11.00	44.60		3.00
Maximum		11.00	70.90		12.00
Average		11.00	55.30		6.33

	Sulfate
Sample #1 Date, Result	06/09/20 180.000
Sample #2 Date, Result	
Sample #3 Date, Result	
Minimum	
Maximum	
Average	

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name: Outfall 934 - ArcelorMittal in Harbor West

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

Site Specific Limit

**if not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Outfall 935 - Arcburnmittal in Harbor West

Industry Name:

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result	04/22/20 7.3	0.0054		0.0049	0.0006
Sample #2 Date, Result	05/27/20 7.3	0.0057		0.0034	0.0004
Sample #3 Date, Result	06/25/20 7.3	0.0052		0.0027	0.0003
Minimum		0.0052		0.0027	0.0003
Maximum		0.0057		0.0049	0.0006
Average		0.0054		0.0037	0.0004

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result	04/22/20 0.0029	0.0045			0.0520
Sample #2 Date, Result	05/27/20 0.0030	0.0022			0.0088
Sample #3 Date, Result	06/25/20 0.0034	0.0038			0.0083
Minimum	0.0029	0.0022			0.0083
Maximum	0.0034	0.0045			0.0520
Average	0.0031	0.0035			0.0230

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result	04/22/20 20.0000		0.6000	0.0001	1.4500
Sample #2 Date, Result	05/27/20 0.0500		0.8000	0.0001	0.8200
Sample #3 Date, Result	06/25/20 0.0500		0.8000	0.0001	1.2700
Minimum	0.0500		0.6000	0.0001	0.8200
Maximum	20.0000		0.8000	0.0001	1.4500
Average	6.7000		0.6667	0.0001	1.1800

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result	04/22/20 0.4500	0.0300	0.0000	0.0020	5.0000
Sample #2 Date, Result	05/27/20 0.3200	0.0300	0.0000	0.0027	5.0000
Sample #3 Date, Result	06/25/20 0.4100	0.0300	0.0000	0.0037	5.0000
Minimum	0.3200	0.0300	0.0000	0.0020	5.0000
Maximum	0.4500	0.0300	0.0000	0.0037	5.0000
Average	0.3933	0.0300	0.0000	0.0028	5.0000

	Residual Chlorine	Biochemical Oxygen Demand	Chemical Oxygen Demand	TDS	TSS
Sample #1 Date, Result			21.60		7.00
Sample #2 Date, Result			25.40		7.00
Sample #3 Date, Result			16.20		4.00
Minimum			16.20		4.00
Maximum			25.40		7.00
Average			21.07		6.00

	Sulfate
Sample #1 Date, Result	
Sample #2 Date, Result	
Sample #3 Date, Result	
Minimum	
Maximum	
Average	

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name: *Outfall 935 - ArcelorMittal in Harbor West*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

United States Steel Corporation

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride	Mercury	Ammonia
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Residual Chlorine	Biochemical Oxygen Demand	Chemical Oxygen Demand	TDS	TSS
Sample #1 Date, Result					
Sample #2 Date, Result					
Sample #3 Date, Result					
Minimum					
Maximum					
Average					

	Sulfate
Sample #1 Date, Result	
Sample #2 Date, Result	
Sample #3 Date, Result	
Minimum	
Maximum	
Average	

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name: *United States Steel Corporation*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

Outfall 941 - Praxair, Inc.

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/07/20	7.9	04/07/20	0.0022	06/02/20	0.0002	04/07/20	0.0042	04/07/20	0.0002
Sample #2 Date, Result	05/19/20	7.6	05/19/20	0.0032			05/19/20	0.0065	05/19/20	0.0006
Sample #3 Date, Result	06/02/20	8.4	06/02/20	0.0111			06/02/20	0.0087	06/02/20	0.0005
Minimum		7.6		0.0022				0.0042		0.0002
Maximum		8.4		0.0111				0.0087		0.0006
Average		8.0		0.0055				0.0065		0.0004

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/07/20	0.0263	04/07/20	0.0047				0.0078	04/07/20	0.0078
Sample #2 Date, Result	05/19/20	0.0308	05/19/20	0.0065				0.0081	05/19/20	0.0081
Sample #3 Date, Result	06/02/20	0.0456	06/02/20	0.0051				0.0172	06/02/20	0.0172
Minimum		0.0263		0.0047				0.0078		0.0078
Maximum		0.0456		0.0065				0.0172		0.0172
Average		0.0342		0.0054				0.0110		0.0110

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride (lbs/day)		Mercury		Ammonia	
Sample #1 Date, Result	04/07/20	0.0200			04/07/20	3.2126	04/07/20	0.0001	04/07/20	0.5500
Sample #2 Date, Result	05/19/20	0.0500			05/19/20	2.6271	05/19/20	0.0001	05/19/20	1.7300
Sample #3 Date, Result	06/02/20	0.0500				2.8231	06/02/20	0.0001	06/02/20	2.1100
Minimum		0.0200				2.6271		0.0001		0.5500
Maximum		0.0500				3.2126		0.0001		2.1100
Average		0.0400				2.8876		0.0001		1.4633

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/07/20	0.1600	04/07/20	0.0300	04/07/20	0.0000	04/07/20	0.0020	04/07/20	5.0000
Sample #2 Date, Result	05/19/20	0.1400	05/19/20	0.0300	05/19/20	0.0000	05/19/20	0.0020	06/02/20	5.0000
Sample #3 Date, Result	06/02/20	0.1800	06/02/20	0.0300	06/02/20	0.0000	06/02/20	0.0020	06/23/20	5.0000
Minimum		0.1400		0.0300		0.0000		0.0020		5.0000
Maximum		0.1800		0.0300		0.0000		0.0020		5.0000
Average		0.1600		0.0300		0.0000		0.0020		5.0000

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result			06/02/20	11.00	04/07/20	41.20			04/07/20	12.00
Sample #2 Date, Result					05/19/20	57.30			05/19/20	18.00
Sample #3 Date, Result					06/02/20	36.80			06/02/20	16.00
Minimum				11.00		36.80				12.00
Maximum				11.00		57.30				18.00
Average				11.00		45.10				15.33

	Sulfate	
Sample #1 Date, Result	06/02/20	120.000
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		120.000
Maximum		120.000
Average		120.000

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name: **Outfall 941 - Praxair, Inc.**

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride*	lbs/day	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Jun 01, 2020 to Jun 30, 2020

Industry Name:

Outfall 941 - Praxair, Inc.

	Field pH	Arsenic	Cadmium	Copper	Lead
Sample #1 Date, Result	06/02/20 8.4	06/02/20 0.0111	06/02/20 0.0002	06/02/20 0.0087	06/02/20 0.0005
Sample #2 Date, Result	06/23/20 7.3	06/23/20 0.0056		06/23/20 0.0128	06/23/20 0.0008
Sample #3 Date, Result					
Minimum	7.3	0.0056	0.0002	0.0087	0.0005
Maximum	8.4	0.0111	0.0002	0.0128	0.0008
Average	7.9	0.0084	0.0002	0.0108	0.0007

	Molybdenum	Nickel	Silver	Thallium	Zinc
Sample #1 Date, Result	06/02/20 0.0456	06/02/20 0.0051		06/02/20 0.0172	06/02/20 0.0172
Sample #2 Date, Result	06/23/20 0.0365	06/23/20 0.0169		06/23/20 0.0394	06/23/20 0.0394
Sample #3 Date, Result					
Minimum	0.0365	0.0051		0.0172	0.0172
Maximum	0.0456	0.0169		0.0394	0.0394
Average	0.0411	0.0110		0.0283	0.0283

	Bis(2-ethylhexyl)phthalate	Fluoranthene	Fluoride (lbs/day)	Mercury	Ammonia
Sample #1 Date, Result	06/02/20 0.0500		06/02/20 2.8231	06/02/20 0.0001	06/02/20 2.1100
Sample #2 Date, Result	06/23/20 0.0500		06/23/20 2.3018	06/23/20 0.0001	06/23/20 1.1500
Sample #3 Date, Result					
Minimum	0.0500		2.3018	0.0001	1.1500
Maximum	0.0500		2.8231	0.0001	2.1100
Average	0.0500		2.5625	0.0001	1.6300

	Phosphorus	Phenols	Chromium	Available Cyanide	Oil & Grease
Sample #1 Date, Result	06/02/20 0.1800	06/02/20 0.0300	06/02/20 0.0000	06/02/20 0.0020	06/02/20 5.0000
Sample #2 Date, Result	06/23/20 0.1700	06/23/20 0.0500	06/23/20 0.0000	06/23/20 0.0056	06/23/20 5.0000
Sample #3 Date, Result					
Minimum	0.1700	0.0300	0.0000	0.0020	5.0000
Maximum	0.1800	0.0500	0.0000	0.0056	5.0000
Average	0.1750	0.0400	0.0000	0.0038	5.0000

	Residual Chlorine	Biochemical Oxygen Demand	Chemical Oxygen Demand	TDS	TSS
Sample #1 Date, Result		06/02/20 11.00	06/02/20 36.80		06/02/20 16.00
Sample #2 Date, Result			06/23/20 59.60		06/23/20 28.00
Sample #3 Date, Result					
Minimum		11.00	36.80		16.00
Maximum		11.00	59.60		28.00
Average		11.00	48.20		22.00

	Sulfate
Sample #1 Date, Result	06/02/20 120.000
Sample #2 Date, Result	
Sample #3 Date, Result	
Minimum	120.000
Maximum	120.000
Average	120.000

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Jun 01, 2020 to Jun 30, 2020

Industry Name: *Outfall 941 - Praxair, Inc.*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride*	lbs/day	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.96	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

***If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name:

United States Gypsum Company

	Field pH		Arsenic		Cadmium		Copper		Lead	
Sample #1 Date, Result	04/28/20	7.5	04/28/20	0.0027	05/19/20	0.0002	04/28/20	0.0103	04/28/20	0.0016
Sample #2 Date, Result	05/19/20	7.4	05/19/20	0.0028			05/19/20	0.0107	05/19/20	0.0004
Sample #3 Date, Result	06/11/20	7.7	06/11/20	0.0113			06/11/20	0.0082	06/11/20	0.0012
Minimum		7.4		0.0027		0.0002		0.0082		0.0004
Maximum		7.7		0.0113		0.0002		0.0107		0.0016
Average		7.5		0.0056		0.0002		0.0097		0.0011

	Molybdenum		Nickel		Silver		Thallium		Zinc	
Sample #1 Date, Result	04/28/20	0.0041	04/28/20	0.0109					04/28/20	0.0856
Sample #2 Date, Result	05/19/20	0.0043	05/19/20	0.0066					05/19/20	0.0614
Sample #3 Date, Result	06/11/20	0.0072	06/11/20	0.0075					06/11/20	0.0478
Minimum		0.0041		0.0066						0.0478
Maximum		0.0072		0.0109						0.0856
Average		0.0052		0.0083						0.0649

	Bis(2-ethylhexyl)phthalate		Fluoranthene		Fluoride		Mercury		Ammonia	
Sample #1 Date, Result	04/28/20	0.0500			04/28/20	0.9000	04/28/20	0.0001	04/28/20	21.2000
Sample #2 Date, Result	05/19/20	0.0500			05/19/20	0.9000	05/19/20	0.0001	05/19/20	7.9500
Sample #3 Date, Result	06/11/20	0.0500			06/11/20	1.1000	06/11/20	0.0001	06/11/20	9.2000
Minimum		0.0500				0.9000		0.0001		7.9500
Maximum		0.0500				1.1000		0.0001		21.2000
Average		0.0500				0.9667		0.0001		12.7833

	Phosphorus		Phenols		Chromium		Available Cyanide		Oil & Grease	
Sample #1 Date, Result	04/28/20	3.7200	04/28/20	0.0500	04/28/20	0.0000	04/28/20	0.0185	04/28/20	10.8000
Sample #2 Date, Result	05/19/20	1.9100	05/19/20	0.0300	05/19/20	0.0000	05/19/20	0.0035	05/19/20	6.0000
Sample #3 Date, Result	06/11/20	1.2100	06/11/20	0.0300	06/11/20	0.0000	06/11/20	0.0047	06/11/20	5.0000
Minimum		1.2100		0.0300		0.0000		0.0035		5.0000
Maximum		3.7200		0.0500		0.0000		0.0185		10.8000
Average		2.2800		0.0367		0.0000		0.0089		7.2667

	Residual Chlorine		Biochemical Oxygen Demand		Chemical Oxygen Demand		TDS		TSS	
Sample #1 Date, Result			05/19/20	105.00	04/28/20	794.00			04/28/20	103.00
Sample #2 Date, Result					05/19/20	228.00			05/19/20	43.00
Sample #3 Date, Result					06/11/20	82.30			06/11/20	19.00
Minimum				105.00		82.30				19.00
Maximum				105.00		794.00				103.00
Average				105.00		368.10				55.00

	Sulfate	
Sample #1 Date, Result	05/19/20	310.000
Sample #2 Date, Result		
Sample #3 Date, Result		
Minimum		310.000
Maximum		310.000
Average		310.000

East Chicago Sanitary District: Waste Water Division Pretreatment Monitoring Report

Apr 01, 2020 to Jun 30, 2020

Industry Name: *United States Gypsum Company*

Daily Max Limits

Parameter	Units	Daily Max Limit	Violations	TRC Exceedances
Arsenic	mg/L	1.31	0	0
Cadmium	mg/L		0	0
Copper	mg/L	0.88	0	0
Lead	mg/L	2.28	0	0
Molybdenum	mg/L	2.8	0	0
Nickel	mg/L	0.80	0	0
Silver	mg/L		0	0
Thallium	mg/L		0	0
Zinc	mg/L	5.5	0	0
Bis(2-ethylhexyl)phthalate	mg/l	1.03	0	0
Fluoranthene	mg/L		0	0
Fluoride	mg/L	30	0	0
Mercury	mg/L	0.0002	0	0
Ammonia	mg/L	134	0	0
Phosphorus	mg/L	31	0	0
Phenols	mg/L	0.98	0	0
Chromium	mg/L	7.0	0	0
Available Cyanide	mg/L	0.019	0	0
Oil & Grease	mg/L	117	0	0
Residual Chlorine	mg/L		0	0

Other Limits

Parameter	Units	Daily Minimum	Daily Maximum	Violations
Field pH	su	5	10	0

*Site Specific Limit

**If not specified, the unit is in mg/L

of Violations and # of TRC Violations based upon 2018 adopted Local Limits

Technical Review Criteria (TRC) Exceedance - An exceedance of the daily max limit multiplied by a predetermined factor. This factor is 1.4 for BOD, TSS, fats, oil and grease, and 1.2 for all other pollutants except pH. If the number of TRC exceedances in a 6 month period is equal to or greater than 33% of the number of samples for a given pollutant, then a TRC violation is issued.

Site Specific Limit - A limit that only applies to the given outfall, and is defined by the associated discharge permit. If multiple limits of the same type are shown, the more stringent limit is displayed.

- Indicates an exceedance for the highlighted sample.

Notice of Violations – 2nd Quarter 2020



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

May 01, 2020

James Kornas
Lakeshore Railcar Services LLC
1150 East 145th Street
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 521

Dear Mr. Kornas:

On April 14, 2020 District personnel collected a sample of effluent from Outfall No. 521. Based upon the analytical results, the District has determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.1 of the Sewer User Ordinance (National Categorical Pretreatment Standards).

- Local Limit for Chromium is 0.746 mg/L; analytical result reported was 3.31 mg/L

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is \$1,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,


Henry Padilla
Pretreatment Assistant


Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Dr. Joseph Allegretti, ECSD Counsel
File - UTG #521/Enforcement



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

May 14, 2020

James Kornas
Lakeshore Railcar Services LLC
1150 East 145th Street
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 521

Dear Mr. Kornas:

On April 29, 2020 District personnel collected a sample of effluent from Outfall No. 521. Based upon the analytical results, the District has determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.1 of the Sewer User Ordinance (National Categorical Pretreatment Standards).

- Categorical Limit for Chromium is 0.746 mg/L; analytical result reported was 4.25 mg/L
- Categorical Limit for Arsenic is 0.162 mg/L; analytical result reported was 0.69 mg/L
- Categorical Limit for Copper is 0.500 mg/L; analytical result reported was 1.21 mg/L

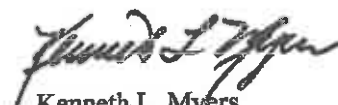
Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is \$3,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,


Henry Padilla
Pretreatment Assistant


Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Dr. Joseph Allegretti, ECSD Counsel
File - UTG #521/Enforcement



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

June 8, 2020

James Kornas
Lakeshore Railcar Services LLC
1150 East 145th Street
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 521

Dear Mr. Kornas:

On May 28, 2020 District personnel collected a sample of effluent from Outfall No. 521. Based upon the analytical results, the District has determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.1 of the Sewer User Ordinance (National Categorical Pretreatment Standards).


- Categorical Limit for Arsenic is 0.162 mg/L; analytical result reported was 0.294 mg/L
- Categorical Limit for Copper is 0.500 mg/L; analytical result reported was 0.59 mg/L
- Categorical Limit for Oil & Grease is 36 mg/L; analytical result reported was 39.8 mg/L.


Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is \$3,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,


Henry Padilla
Pretreatment Assistant


Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Dr. Joseph Allegretti, ECSD Counsel
File - UTG #521/Enforcement

521 NOV 06-08-20 (As, Cu, FOG on 05-28-20)



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

July 28, 2020

James Kornas
Lakeshore Railcar Services LLC
1150 East 145th Street
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 521

Dear Mr. Kornas:

On May 12, 2020 District personnel collected a sample of effluent from Outfall No. 521. Based upon the analytical results, the District has determined that the discharge from the above referenced facility was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violation:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.1 of the Sewer User Ordinance (National Categorical Pretreatment Standards).

- Categorical Limit for Arsenic is 0.162 mg/L; analytical result reported was 0.570 mg/L
- Categorical Limit for Copper is 0.500 mg/L; analytical result reported was 1.950 mg/L
- Categorical Limit for Chromium is 0.746 mg/L; analytical result reported was 7.090 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall subject to additional fines in accordance with Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the total amount of the penalty for the above noted violation is \$3,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,

A handwritten signature in black ink, appearing to read "Henry Padilla".

Henry Padilla
Pretreatment Assistant

A handwritten signature in black ink, appearing to read "Kenneth L. Myers".

Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Dr. Joseph Allegretti, ECSD Counsel
File - UTG #521/Enforcement

521 NOV 07-28-20 (As, Cu, Cr on 05-12-20)



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

April 27, 2020

Michael Radcliffe
Senior Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Radcliffe:

On April 13, 2020, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.077 mg/L.
- Local Limit for Mercury is 0.0002 mg/L; analytical result reported is 0.00045 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$5,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,


Henry Padilla
Pretreatment Assistant


Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Dr. Joseph Allegretti, ECSD Counsel
File - Safety Kleen #901/Enforcement



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

May 13, 2020

Michael Radcliffe
Senior Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Radcliffe:

On April 28, 2020, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.083 mg/L.
- Local Limit for Mercury is 0.0002 mg/L; analytical result reported is 0.00075 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$5,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,


Henry Padilla
Pretreatment Assistant


Kenneth L. Myers
Compliance Manager

Encls.
CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Dr. Joseph Allegretti, ECSD Counsel
File - Safety Kleen #901/Enforcement



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

June 1, 2020

Michael Radcliffe
Senior Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Radcliffe:

On May 6, 2020, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.095 mg/L.
- Local Limit for Mercury is 0.0002 mg/L; analytical result reported is 0.0008 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$5,000. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,


Henry Padilla
Pretreatment Assistant


Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Dr. Joseph Allegretti, ECSD Counsel
File - Safety Kleen #901/Enforcement



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

June 1, 2020

Michael Radcliffe
Senior Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Radcliffe:

On May 21, 2020, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).


- Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.030 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,


Henry Padilla
Pretreatment Assistant


Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Dr. Joseph Allegretti, ECSD Counsel
File - Safety Kleen #901/Enforcement



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

July 14, 2020

Michael Radcliffe
Senior Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Radcliffe:

On June 11, 2020, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.45 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,


Henry Padilla
Pretreatment Assistant


Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Dr. Joseph Allegretti, ECSD Counsel
File - Safety Kleen #901/Enforcement



CITY OF EAST CHICAGO
Anthony Copeland, Mayor

5201 Indianapolis Boulevard
East Chicago, IN 46312
Phone: (219) 391-8466
Fax: (219) 391-8254

July 14, 2020

Michael Radcliffe
Senior Compliance Manager
Safety-Kleen Systems
601 Riley Road
East Chicago, IN 46312

Re: Notice of Violation – Non-Compliance with Discharge Permit Outfall No. 901

Dear Mr. Radcliffe:

On June 29, 2020, District personnel collected a sample of effluent from Outfall No. 901. Based upon the analytical results, the District determined that the discharge from the above referenced facility on this date was in violation of its Industrial Wastewater Discharge Permit. Specifically, the analytical data indicates the following violations:

Per Part B, the Permittee shall at no time discharge wastewater containing pollutants in excess of any of the following specific pollutant limitations as established by Article 13.13.3.02.3 of the Sewer User Ordinance (Local Limits).

- Local Limit for available cyanide is 0.019 mg/L; analytical result reported is 0.27 mg/L.

Within 15 business days of receipt of this letter, you must provide a written explanation for the cause of the violation as well as a corrective action plan to ensure compliance in the future. Failure to submit the required report within the specified time shall be subject to additional fines in accordance with the Ordinance.

In accordance with Article 13.13.7.01 of the Sewer User Ordinance, the penalty for the above noted violation is \$2,500. Kindly remit payment to the District within 30 calendar days upon receipt of this letter.

Should you have any questions concerning this notice, please contact Henry Padilla at 391-8466 ext. 232 or email at hpadilla@eastchicago.com.

Sincerely,


Henry Padilla
Pretreatment Assistant


Kenneth L. Myers
Compliance Manager

Encls.

CC: Dr. Abderrahman Zehraoui, Director of Utilities, ECSD
Dr. Joseph Allegetti, ECSD Counsel
File - Safety Kleen #901/Enforcement